

Listing of Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

1-65. (Canceled)

66. (New) A method for administering an oligonucleotide into a lung of a mammal, said method comprises:

aerosolizing the oligonucleotide; and

introducing the aerosolized oligonucleotide into the lung of the mammal, the sugar moiety of at least one nucleoside unit of the oligonucleotide is a 2'-O-substituted nucleoside unit.

67. (New) The method of claim 66 wherein said 2'-O-substituent of said 2'-O-substituted nucleoside unit is a 2'-O-alkoxyalkoxy substituent.

68. (New) The method of claim 66 wherein said 2'-O-substituent of said 2'-O-substituted nucleoside unit is a 2'-O-methoxyethyl.

69. (New) The method of claim 66 wherein said 2'-O-substituent of said 2'-O-substituted nucleoside unit is a 2'-O-dialkylaminoalkoxy substituent.

70. (New) The method of claim 66, 67, 68, or 69 wherein at least one internucleotide linkage within said oligonucleotide is a phosphorothioate linkage.

71. (New) The method of claim 66 wherein at least one internucleotide linkage within said oligonucleotide is a 3'-methylene phosphonate, a non-phosphorus containing oligonucleoside linkage, a 2'-5' linkage or is a 3'-deoxy-3'-amino phosphoramidate linkage.

72. (New) The method of claim 66 wherein said oligonucleotide is in an aqueous media.

73. (New) The method of claim 66 wherein said oligonucleotide is in a sterilized, pyrogen free water.
74. (New) The method of claim 66 wherein said oligonucleotide is in saline solution.
75. (New) The method of claim 66 wherein said oligonucleotide is in a powder.
76. (New) The method of claim 66 wherein said animal is known or suspected to suffer from a disease or disorder which may be treated or diagnosed by said oligonucleotide.
77. (New) The method of claim 76 wherein said disease or disorder is asthma, a cancer of the lung, pulmonary fibrosis, rhinovirus, tuberculosis, bronchitis, or pneumonia.